vtech®

Safe & Sound

User's manual

Digital Audio Baby Monitor

Scan here for product information

Model: BM2000

http://hkphones.vtech.com

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1. IMPORTANT SAFETY INSTRUCTIONS

When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Follow all warnings and instructions marked on the product.
2. Adult setup is required.
3. This product is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.
4. This product is not intended for use as a medical monitor.
5. Do not use this product near water. For example, do not use it next to a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
6. CAUTION: Use only the batteries indicated in this manual. There may be a risk of explosion if a wrong type of battery is used for the parent unit. Use only the supplied rechargeable battery.
7. Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product.
   Baby unit power adapter: Input 100-240V AC 50/60 Hz; output: 6V DC 450 mA; Parent unit power adapter: Input 100-240V AC 50/60 Hz; output: 6V DC 450 mA.
8. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
9. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
10. Unplug the power cords before replacing batteries.
11. Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.
12. Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
13. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
14. Do not overload wall outlets or use an extension cord.

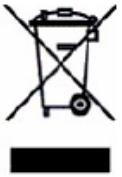
15. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
16. This product should not be placed in any area where proper ventilation is not provided. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register.
17. Never push objects of any kind into this product through the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
18. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the product other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
19. You should test the sound reception every time you turn on the units or move one of the components.
20. Periodically examine all components for damage.
21. Be aware of possible loss of privacy while using public airwaves. Conversations may be picked up by other nursery monitors, cordless phones, scanners, etc.
22. Children should be supervised to ensure that they do not play with the product.
23. The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

SAVE THESE INSTRUCTIONS

Cautions

1. Use and store the product at a temperature between 10°C and 39°C.
2. Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
3. Batteries should not be exposed to excessive heat such as bright sunshine or fire.
4. Make sure the baby unit(s) and the adapter cord(s) are always out of reach of the baby, at least 1 metre away from the baby or crib, to avoid a possible strangulation hazard.
5. Never place the baby unit(s) inside the baby's crib or playpen.
6. Never cover the baby unit(s) or parent unit with anything such as a towel or a blanket.
7. Other electronic products may cause interference with your audio monitor. Try installing your audio monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.

DISPOSAL WARNING



1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products/battery should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance/battery will help prevent potential negative consequences for the environment and human health.

For more detailed information about disposal of your old appliance/ battery, please contact your city office, waste disposal service or The Shop where you purchased the product.

If you have questions about this product, or having difficulty with setup or operation, call our Customer Service Centre.

Customer Service Hotline: (852) 2666 5558

Technical Inquiry Hotline: (852) 2667 7433

2. SET UP THE BABY MONITOR

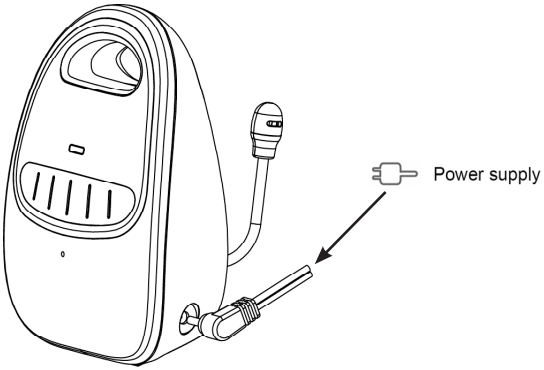
2.1 Package Contents

The package contains the following items:

- 1 Parent unit (BM2000 PU)
- 1 Baby unit (BM2000 BU)
- 1 Parent unit battery compartment cover
- 2 Batteries for parent unit
- 2 Power adapters
- 1 English user manual
- 1 Chinese user manual

2.2 Baby unit installation

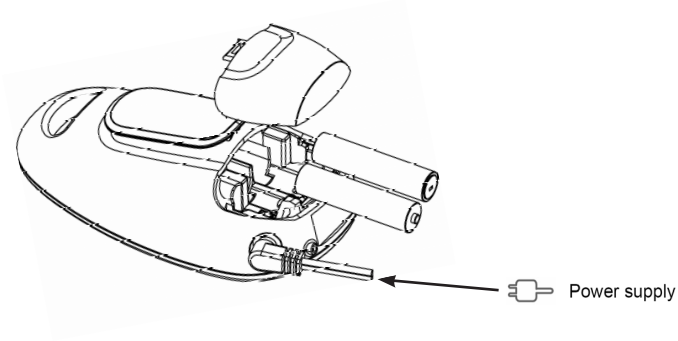
The baby unit is powered by mains power. To connect the baby unit to the mains power:



1. Choose either power adapter that comes with the package. Insert the DC plug of the power adapter into the DC socket on the side of the baby unit.
2. Connect the other end of the power adapter to a suitable mains power socket.

2.3 Parent unit installation

The package comes with two rechargeable batteries. You can power up the parent unit by using two rechargeable batteries or by connecting it to the mains power. However, even if the parent unit is connected to the mains power, we recommend you to also install the rechargeble batteries. This guarantees the continual operation in case of a power outage.

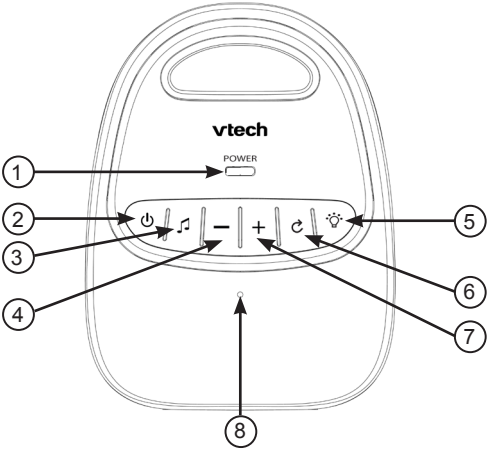


To set up the parent unit:

1. Remove the battery compartment cover.
2. Install the supplied rechargeable batteries into the battery compartment, matching the polarity markings (+ and -).
3. Replace the battery compartment cover.
4. Insert the DC plug of the other power adapter into the DC socket on the side of the parent unit.
5. Connect the other end of the power adapter to a suitable mains power socket.
6. The Charging LED lights up indicating the parent unit is charging.

3. GET TO KNOW THE BABY MONITOR

3.1 Baby unit overview



1 – Power indicator

On when the baby unit is switched on.

Off when the baby unit is switched off.

2 – ⏻ (On / off)

Press and hold to turn the baby unit on / off.

3 – ♫ (Skip)

4 – – (Volume down)

Press to decrease the speaker volume.

5 – Night Light

Press to turn night light on / off.

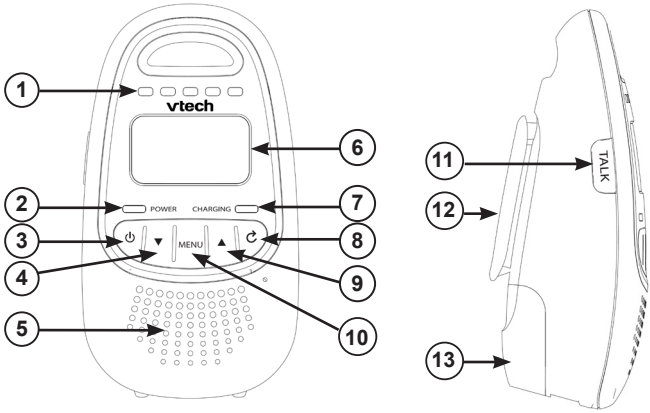
6 – ↻ Play / Stop lullabies

7 – + (Volume up)

Press to increase the speaker volume.

8 – Microphone

3.2 Parent unit overview



1 – Sensitivity LEDs

2 – Power Indicator Light

3 – ⏻ (On / off)

Press and hold to turn on or off.

4 – ▼ (Volume down)

Press to decrease the speaker volume.

5 – Speakerphone

6 – LCD monitor

7 – Charging Indicator Light

8 – ↻ (Back)

9 – ▲ (Volume up)

Press to increase the speaker volume.

10 – Menu

11 – Talk

Press and hold to talk to the baby unit.

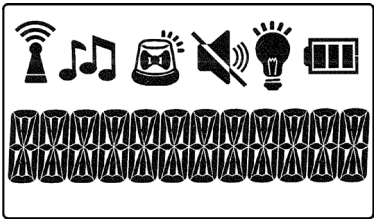
12 – Belt Clip

13 – Battery Compartment Cover

3.3 Parent unit lights

	3 green lights and 2 red lights indicating the sound level detected by the baby unit. Green lights indicate a moderate level of sound is detected. Red lights indicate a higher level of sound is detected. More lights turn on when the sound level detected increases.
POWER	Off when the parent unit is off. On in green steadily when the parent unit is on and is linked to the baby unit. Flashes in green when there is no link between the baby unit and parent unit.
CHARGING	On in red steadily when the parent unit is charging. Flashes in red when the battery is low.

3.4 Parent unit display



	Connection status - displays when strong signal strength is detected between the baby unit and the parent unit. - or displays when moderate signal strength is detected between the baby unit and the parent unit. - displays when the link between the baby unit and the parent unit is lost.
	Lullaby - Displays when a lullaby is playing at the baby unit.
	Sound alert - Displays when the sound alert is set to on. - Flashes when the sound alert is triggered.
	Speaker volume - Displays when the speaker is turned on. - Displays when the speaker is turned off.
	Night light - Displays when night light is turned on. - Displays when night light is turned off.
	Battery status - animates when the battery is charging. - displays solid when the battery is fully charged. - displays when the battery is low and needs charging.

3.5 Positioning and operating range

3.5.1 Position the audio monitor

Place the parent unit within the operating range of the baby unit. We recommend the parent unit is at least 1.5 metres away from the baby unit to avoid audio feedback. If you still experience audio feedback, move the parent unit and the baby unit farther apart.

NOTES

- If the signal is poor, try moving the parent and/or the baby unit to different positions in the rooms.
- It is the caregiver's responsibility to stay close enough to take care of any eventuality.

3.5.2 Test your audio monitor before use

It is important to test the audio monitor when it is installed initially, and at regular times thereafter. Test your parent unit and baby units if they have not been used for a long time or you suspect they are defective.

To test your audio monitor:

1. Place the parent unit and the baby unit in the same room to test the product. Make sure the baby unit is at least 1.5 metres away from the parent unit.
2. Press and hold ⏻ on the baby unit until the Power indicator light turns on.
3. Press and hold ⏻ on the parent unit until the Power indicator turns on steadily. The parent unit plays sound detected from the baby unit. Your audio monitor is now ready for use.

NOTE

If no connection can be established, the Power indicator light on the parent unit flashes in green.

4. USING YOUR BABY MONITOR

4.1 Using the menu

4.1.1 To enter the parent unit menu:

1. Press **MENU** when the parent unit is not in use.
2. Press ▼ or ▲ to scroll to the desired feature. Press **MENU** to enter that feature menu.
3. Press ▼ or ▲ to scroll to the desired option. Press **MENU** to confirm your selection. You hear a confirmation tone.
4. To return to the previous menu, press ↻.

4.1.2 Menu structure

Main menu	Language	Sound alert	Nightlight	Reset
Sub menu	ENGLISH DEUTSCH FRANCAIS ITALIANO ESPANOL PORTUGUES	ON? OFF?	ON? OFF?	CONFIRM?

4.2 Language

You can select a language (English, German, French, Italian, Spanish or Portuguese) to be used in all screen displays. The screen display language is preset to **English**.

To change the language:

1. Press **MENU** when the parent unit is not in use.
2. Press ▼ or ▲ to scroll to **LANGUAGE**, then press **MENU**.
3. Press ▼ or ▲ to choose **ENGLISH**, **DEUTSCH**, **FRANCAIS**, **ITALIANO**, **ESPANOL** or **PORTUGUES**, then press MENU to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.

4.3 Sound alert

When the parent unit speaker volume is set to off, you can set the parent unit to beep whenever the baby unit detects sounds above the preset threshold volume.

To set the sound alert:

1. Press **MENU** when the parent unit is not in use.
2. Press ▼ or ▲ to scroll to **SOUND ALERT**, then press **MENU**.
3. If the current sound alert setting is **OFF**, the screen displays **ON?** If the current sound alert setting is **ON**, the screen displays **OFF?**.
4. Press **MENU** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.

   -**OR-**

   Press ↻ to exit the menu. The current setting remains unchanged.

4.4 Nightlight

When this feature is turned on, the nightlight on the baby unit gives a soft glow for comfort and allows easy location in the dark.

To set the nightlight:

1. Press **MENU** when the parent unit is not in use.
2. Press ▼ or ▲ to scroll to **NIGHTLIGHT**, then press **MENU**.
3. If the current nightlight setting is **OFF**, the screen displays **ON?** If the current nightlight setting is **ON**, the screen displays **OFF?**.
4. Press **MENU** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.

   -OR-

   Press ↻ to exit the menu. The current setting remains unchanged.

4.5 Reset

You can restore all the adjustable settings back to their original factory settings.

To reset the baby monitor:

1. Press **MENU** when the parent unit is not in use.
2. Press ▼ or ▲ to scroll to **RESET**, then press **MENU**.
3. The screen displays **CONFIRM?** Press **MENU** to confirm. The screen displays **SAVED**. You hear a confirmation tone.

   -OR-

   Press ↻ to exit the menu. The current setting remains unchanged.

5. BABY UNIT OPERATION

5.1 Power the bay unit on or off

- Press and hold ⏻ for 2 seconds to turn on the baby unit. The Power indicator light flashes once and turns on.
- Press and hold ⏻ for 2 seconds to turn off the baby unit. The Power indicator light turns off.

5.2 Adjust speaker volume

There are five volume levels (**Level 1 to Level 5**) on the baby unit.

To adjust the speaker volume:

Press ▲ to increase and ▼ to decrease the volume of the baby unit.

NOTE

You will hear three beeps when the volume level has reached the minimum or maximum level.

5.3 Nightlight

You can turn the nightlight on or off from the baby unit.

To turn the nightlight on or off:

- Press 💡 to turn nightlight on.
- Press 💡 again to turn nightlight off.

5.4 Play lullaby

There are 5 lullabies to choose from. The selected lullaby plays repeatedly.

5.4.1 To play lullabies:

Press ↻ to play lullabies.

5.4.2 To stop lullabies:

Press ↻ again to stop playing lullabies.

5.4.3 To skip to the next lullabies:

Press ♫ to skip to the next lullaby.

NOTE

Lullaby playback is paused when the parent unit is talking to the baby unit. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

5.5 Power the parent unit on or off

- Press and hold ⏻ for 2 seconds to turn on the parent unit. The Power indicator light turns on.
- Press and hold ⏻ for 2 seconds to turn off the parent unit. The Power indicator light turns off.

5.6 Adjust speaker volume

There are five volume levels (**Level 1 to Level 5**) plus **VOLUME OFF** on parent unit. When adjusting volume, the current volume level is displayed on the screen and also indicated by the sensitivity indicator LEDs.

When the speaker voulme is set to **OFF**, the 🔇 icon displays.

To adjust the speaker volume:

Press ▲ to increase and ▼ to decrease the volume of the parent unit.

NOTE

You will hear two beeps when the volume level has reached the minimum or maximum level.

5.7 Talk to the baby unit

You can broadcast messages from the parent unit to the baby unit.

To talk to the baby unit:

Press and hold **TALK** on the side of the parent unit. Speak towards the microphone on the parent unit. The screen displays **TALK**. Your voice is broadcast to the baby unit.

NOTES

- If the speaker volume of the parent unit is set to **OFF**, it will be reset to the default volume after you press and hold **TALK**.
- Lullaby playback is paused when the parent unit is talking the baby unit. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

5.8 Temperature

The parent unit constantly displays the temperature detected by the temperature sensor on the baby unit. When the detected temperature is lower than 14°C, the screen displays **LOW TEMP**. When the detected temperature is higher than 37°C, the screen displays **HIGH TEMP**.

NOTE

There might be a small difference between the baby monitor reading and the actual temperature.

6. TROUBLESHOOTING

If you have difficulty with your audio monitor, please try the suggestions below.

My audio monitor does not work at all.

- Make sure the baby unit, parent unit and the batteries are installed and charged correctly. For optimum daily performance, charge the parent unit when it is not in use.
- Make sure the power adapters are securely plugged into the outlet not controlled by a wall switch.
- Make sure the adapter cords are plugged firmly into the baby unit and parent unit.
- Make sure the baby unit and the parent unit are turned on.
- The parent unit may be too far away from the baby unit. Move the parent unit closer to the baby units (but not less than 1.5 metres).
- Unplug the electrical power to the baby unit and parent unit. Wait for approximately 15 seconds, then plug it back in. Turn on the baby unit and the parent unit. Allow up to one minute for the baby unit and the parent unit to synchronise.
- Charge the batteries in the parent unit for up to 12 hours.
- If the parent unit batteries are completely depleted, they may take up to 30 minutes to charge the parent unit before it can be used for a short time.
- Remove the batteries and then install them again. If that still does not work, it may be necessary to purchase new batteries.
- Large obstructions may impact the reception. Try to relocate the baby unit, away from large obstructions such as walls and doors.
- Other electronic products may cause interference with your audio monitor. Try installing your audio monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.

The audio monitor produces high-pitched noise.

- The parent unit may be too close to the baby unit. Make sure the parent unit and the baby unit are at least 1.5 metres away from one another.

The parent unit plays any sounds from the baby unit and I think it is too noisy.

- You may need to adjust the speaker volume on the parent unit.

The parent unit does not play any sound when there is noise from the baby unit.

- Make sure the parent unit is powered up by connecting it to mains power or to the rechargeable batteries provided.
- Make sure the parent unit is turned on and the speaker volume is not set to off.
- The parent unit may be too far away from the baby unit. Move the parent unit closer to the baby unit (but not less than 1.5 metres).
- If the parent unit is powered by the provided batteries, make sure there is sufficient charge. Charge the battery in the parent unit for up to 12 hours.
- Large obstructions may impact the reception. Try to relocate the baby unit, away from large obstructions such as walls and doors.
- Remove the batteries and then install it again. Turn on the baby unit and the parent unit. Allow up to one minute for the parent unit and the baby unit to synchronise.
- Other electronic products may cause interference with your audio monitor. Try installing your audio monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.

Battery low at the Parent Unit.

- Charge the battery in the parent unit for up to 12 hours.
- The volume level of the parent unit may be set too high which consumes power. Decrease the volume level of the parent unit. Refer to **Adjust speaker volume** (p. 15) for volume level settings.
- Remove the battery and then install it again. Use it until fully depleted, then recharge it in the parent unit for up to 12 hours.
- If the above measures do not correct the problem, replace the battery.

The battery does not charge in the parent unit or the parent unit battery does not accept charge.

- Make sure the batteries are installed in the parent unit battery compartment correctly. The Charging indicator light on the parent unit should be on when charging.
- Remove the battery and then install it again, then charge for up to 12 hours.
- If the battery is completely depleted, it may take up to 30 minutes to charge the parent unit before it can be used for a short time.
- Purchase new batteries. Refer to Parent unit battery installation and Parent unit battery charging.

The parent unit beeps.

- Move the parent unit closer to the baby units (but not less than 1.5 metres). The parent unit may be out of range.
- The batteries may be running low, Connect the parent unit to the mains power with the supplied power adaptor for recharging.
- The baby unit may be switched off. Press and hold ⏻ key to switch on the baby unit.

Common cure for electronic equipment.

- If the audio monitor is not responding normally, try the following (in the order listed):
  1. Disconnect the power to the baby unit and the parent unit.
  2. Remove the batteries in the parent units and then install the batteries again.
  3. Wait a few minutes before connecting power back to the baby unit and the parent unit.
  4. Turn on the baby unit and the parent unit.
  5. Wait for the parent unit to synchronise with the baby unit. Allow up to one minute for this to take place.

7. DEFAULT SETTINGS

Features	Parent unit	Baby unit
Nightlight	/	OFF
Language	ENGLISH	/
Lullaby	/	Lullaby 1- TWINKLE STAR
Sound Alert	OFF	/
Termperature format	Celcius	/
Speaker volume	Level 3	Level 3

8. TECHNICAL SPECIFICATIONS

No. of channels:	120
Frequency:	1881.792 - 1897.344 MHz
Power supply	**Electrical power:** Baby unit: Ten Pao - S004LS0600045 Input: 100 - 240VAC 50/60Hz 150mA Output: 6VDC 450mA Parent unit: Ten Pao - S004LS0600045 Input: 100 - 240VAC 50/60Hz 150mA Output 6VDC 450mA **Battery Information:** Parent unit: GPI - VTHC043C00, 2 x 1.2V AAA size 400mAh NiMH CORUN - Ni-MHAAAJ400, 2 x 1.2V AAA size 400mAh NiMH
Transmitting power:	Max. 250mW
Operating temperature:	10°C to 39°C
Temperature accuracy	±1°C (at 25°C)

Customer Service Centre

Suite 1601, Lever Tech Centre, 69-71 King Yip Street,
Kwun Tong, Kowloon, Hong Kong.

Customer Service Hotline: (852) 2666 5558
Technical Inquiry Hotline: (852) 2667 7433

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